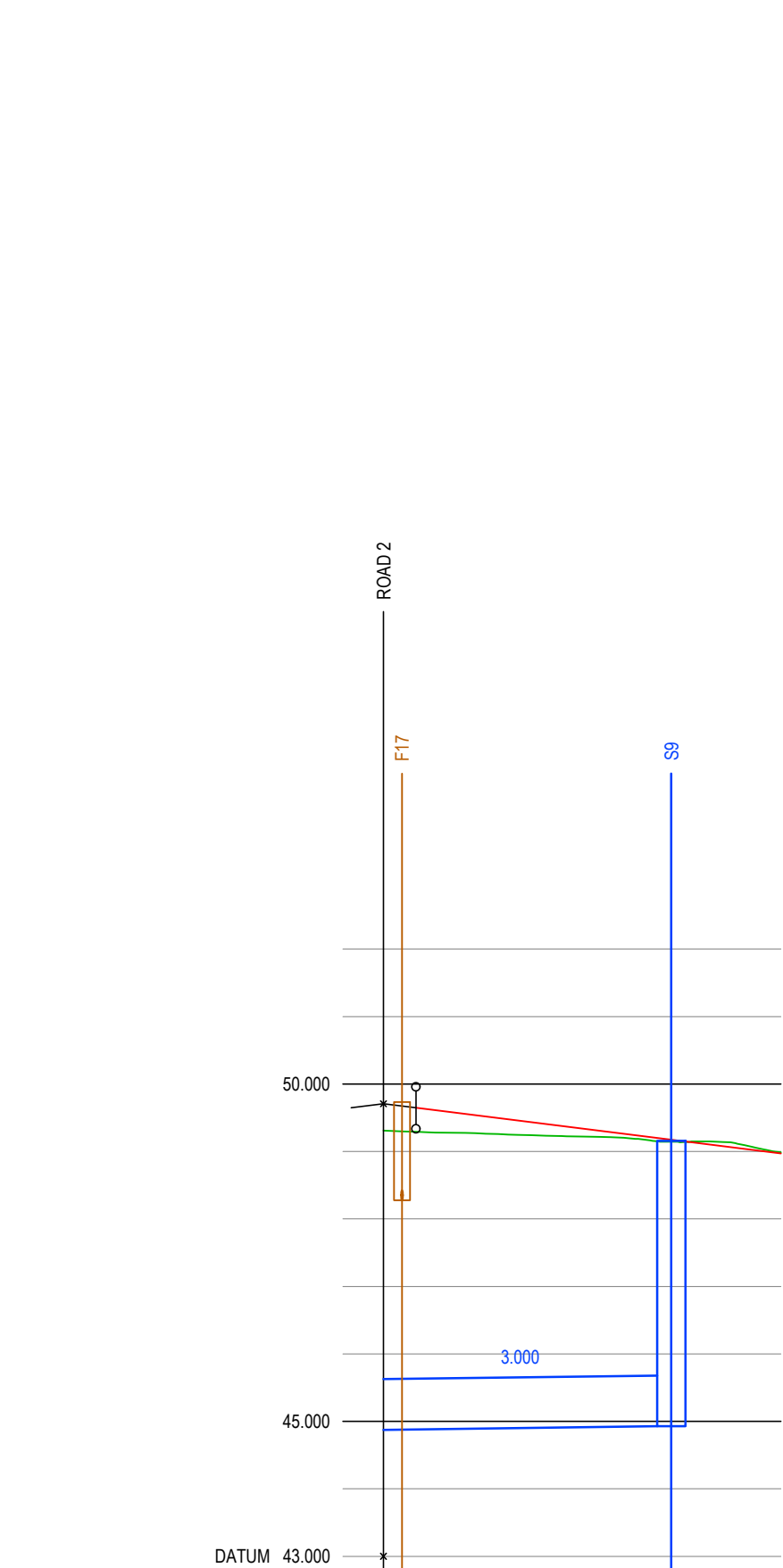
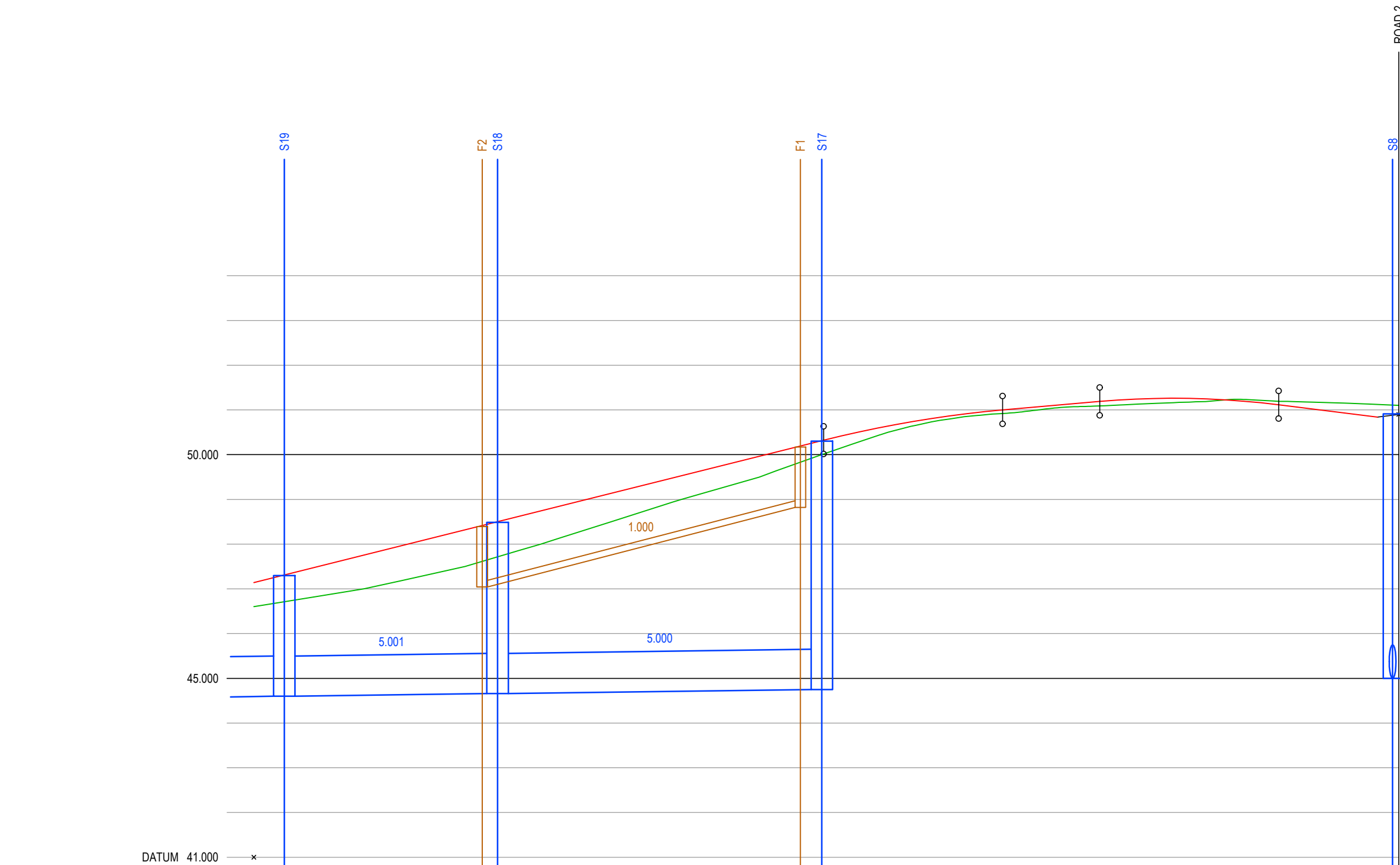




CHAINAGE	0.00 24.00	8.808	20.000 21.313	26.071	26.426
EXISTING GROUND LEVEL	49.311		49.157	48.963	
ALIGNMENT LEVEL	49.147		49.207	48.971	
VERTICAL ALIGNMENT	G= -2.500% 1: -40.0				
HORIZONTAL ALIGNMENT	R= 30.500				
LEFT HAND CHANNEL		49.437 49.397	49.147	48.911	
CENTRE LINE		49.497 49.357	49.207	48.971	
RIGHT HAND CHANNEL		49.437 49.397	49.147	48.911	
STORMWATER COVER LEVEL			CL 49.157 LL 49.257		
STORMWATER DETAILS		Pipe 3.000 Dia 750 Circular CONC 1 in 394 21.687			
FOULWATER COVER LEVEL	CL 49.233				
FOULWATER DETAILS					



ROAD 4																				
CHAINAGE	0.000	3.399	11.989	20.000	25.520 27.239 26.991	40.000	50.000 51.000 50.800	60.000 61.000 60.800	70.000	80.000 82.000 80.800	94.554	100.000	102.790	HP	110.000	114.554	119.588 120.588 121.488			
EXISTING GROUND LEVEL	46.801			47.340			48.506		49.753			51.141					51.164			
ALIGNMENT LEVEL	47.140			48.140		49.140	48.506	50.140	50.325	50.608	50.924	51.000	51.190	51.253	51.262	51.206	51.115			
VERTICAL ALIGNMENT	G= 5.000% 1: 20.0																L= 20.000 MV= -16.250	G= 1.750% 1: 57.1	L= 20.000 MV= -21.250	G= -2.500% 1: -40.0
HORIZONTAL ALIGNMENT	R= 12.000																			
LEFT HAND CHANNEL	47.090	47.140	47.590 47.679	47.590 47.679	48.090	49.090	49.590	50.090	50.548	50.864	51.090	51.193	51.146	50.930	50.839					
CENTRE LINE		47.590 47.730	48.140	48.594 48.730	49.090	49.590	50.090	50.548	50.864	51.090	51.193	51.206	51.146	50.930	50.839					
RIGHT HAND CHANNEL	47.090		47.590 47.679	48.090	48.594 48.730	49.090	49.590	50.090	50.548	50.864	51.090	51.193	51.146	50.930	50.839					
STORMWATER COVER LEVEL	CL 47.296 LL 44.599		CL 48.498 LL 44.659	CL 44.659 LL 44.659			CL 50.302 LL 44.750								CL 50.910					
STORMWATER DETAILS		Pipe 5.001 Dia 900 Circular CLAY 1 in 397 23.839		Pipe 5.000 Dia 900 Circular CLAY 1 in 398 36.241																
FOULWATER COVER LEVEL	CL 48.330 LL 47.043		CL 50.171 LL 48.821																	
FOULWATER DETAILS		Pipe 1.000 Dia 150 Circular CLAY 1 in 20 35.560																		

GENERAL NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
2. ALL RELEVANT DIMENSIONS TO BE OBTAINED/CHECKED AGAINST ARCHITECT'S DRAWINGS AND BY SITE MEASUREMENT PRIOR TO THE COMMENCEMENT OF WORKS OR ORDERING OF MATERIALS. DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS TO BE NOTIFIED TO THE ENGINEER.
3. DO NOT SCALE FROM THIS DRAWING.

A SUMMARY OF CAPPING LAYER THICKNESS AND OR INCREASED SUB-BASE THAT WILL BE REQUIRED IS DETAILED IN THE TABLE BELOW:

SUBGRADE CBR (%)	CAPPING LAYER THICKNESS (mm)	SUB-BASE LAYER THICKNESS (mm)	KMBC STANDARD MINIMUM SUB-BASE THICKNESS (mm)
<2	600	150	-
2-2.5	450	150	-
>2.5-3	-	-	350
>3-4	-	-	300
>4-5	-	-	280
>5	-	-	230

ALL WORKS TO BE IN ACCORDANCE WITH KNOWSLEY COUNCIL STANDARD DETAILS AND AS AGREED WITH THE APPOINTED REPRESENTATIVE

ALL DRAINAGE IS TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH UNITED UTILITIES PLC 'A DEVELOPERS GUIDE TO WASTEWATER ADOPTIONS' AND 'SEWERS FOR ADOPTION 6TH EDITION' - (MARCH 2006)

ALL ADOPTABLE MAIN DRAINAGE IS TO BE SUBJECT TO A SECTION 104 AGREEMENT BETWEEN THE DEVELOPER AND UNITED UTILITIES

PRELIMINARY SUBJECT TO S38 APPROVAL

P3	02.09.2022	HIGHWAY SECTIONS & DRAINAGE UPDATED TO SUIT LATEST DESIGN	KB	LS	KOB
P2	22.07.2022	ADDITIONAL ROAD ADDED	KB	LS	KOB
P1	02.12.2021	PRELIMINARY ISSUE	LS	KOB	KOB
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:	PRELIMINARY
-----------------	-------------

CLIENT:	VISTRY PARTNERSHIPS
---------	---------------------

ARCHITECT:	MPSL
------------	------

PROJECT:	HALSNEAD GARDEN VILLAGE LICKERS LANE WHISTON
----------	--

TITLE:	S38 HIGHWAY LONGSECTIONS SHEET 2
--------	-------------------------------------

STATUS:	PROJECT No:	PROJECT	ORIGINATOR	VOL/SYS/LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	221-130	HLL	- AJP	-XX-00	-DR	-C	- 1511	P03

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:100 x 1:500	LS	LS	KOB	KOB	NOV 2021